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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/660,562

09/12/2003

Hidekazu Ozawa

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06/29/2007

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EXAMINER

LETT, THOMAS J

ART UNIT

PAPER NUMBER

2625

MAIL DATE

DELIVERY MODE

06/29/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/660,562	Applicant(s) OZAWA ET AL.	
	Examiner Thomas J. Lett	Art Unit 2625	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12 September 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-9 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-9 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 12 September 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>12 September 2003</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Priority

1. Acknowledgment is made of applicant's claim for foreign priority under 35 U.S.C. 119(a)-(d). The certified copy of Japanese patent application number 2003-081356, filed on 24 March 2003, has been received and made of record.

Information Disclosure Statement

2. The information disclosure statement (IDS) submitted on the following date is in compliance with the provisions of 37 CFR 1.97 and is being considered by the Examiner:

Title

3. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

Claim Objections

4. Claims 1 and 8 are objected to because of the following informalities: Examiner asks Applicant to place a comma before and after the phrase "representing as a series of processes" if that is the intent of the claim. Appropriate correction is required.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

5. Claim 1 recites the limitation "the display component" in lines 9-10 and line 12. There is insufficient antecedent basis for this limitation in the claim.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

6. Claims 1-9 are rejected under 35 U.S.C. 102(e) as being anticipated by Nakagiri et al (US 6,924,826 B1).

Regarding claim 1, Nakagiri et al disclose an image processing apparatus (printing control apparatus of figure 1) comprising:

an acquisition component (host computer 3000 of the printer control apparatus receives printer instructions for a document and sends these instructions to a spool file 303, col. 6, lines 53-56) which acquires instruction data in which process information representing as a series of processes a process performed to document data and setting information including at least a setting item and a setting value (printing instructions, col. 6, lines 58-61; e.g. collate (reads on setting) sixteen (reads on value) pages) for setting execution contents of the processes are described;

an extraction component (setting-change editor 307 obtains a settings file, see at least col. 9, lines 43-51) which extracts from the instruction data the setting information to be displayed on the display component (e.g., a display screen shown in Fig. 18);

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a generation component (preview screen of Fig. 17 allowing a user to see a document) which generates screen information for displaying a screen on the display component on the basis of the setting information extracted by the extraction component; and

a display component (e.g., a display screen shown in Fig. 18) which displays a screen on the basis of the screen information.

Regarding claim 2, Nakagiri et al disclose an image processing apparatus of claim 1, wherein the generation component generates the screen information by obtaining a screen structure on the basis of the setting information and applying the setting information to the obtained screen structure (in step 2203, the screen is displayed according to printing setting information received, see at least col. 21, lines 62-64).

Regarding claim 3, Nakagiri et al disclose an image processing apparatus of claim 1, wherein the generation component includes an interpreting component which interprets a display item for defining the screen structure on the basis of the setting information extracted by the extraction component (in step 2203, the screen is displayed according to printing setting information received, see at least col. 21, lines 62-64).

Regarding claim 4, Nakagiri et al disclose an image processing apparatus of claim 1, wherein the acquisition component acquires the instruction data from an external device (the instruction can originate from a keyboard, another computer, or a mouse. Examiner further notes that it is also well-known in the art for computing devices to receive remote commands or voice command instructions.)

Regarding claim 5, Nakagiri et al disclose an image processing apparatus of claim 1, wherein the instruction data further includes storage location information representing a position of an external device in which the screen information is stored in advance, and the acquisition component further acquires the screen information based on the storage location information

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(Nakagiri teaches in col. 5, lines 1-5 that a plurality of units may be used and therefore the location information of various printing control apparatuses would be inherently known on a LAN, WAN or other network).

Regarding claim 6, Nakagiri et al disclose an image processing apparatus of claim 4, wherein the storage location information is address information representing the position of the external storage device, which is connected to a communication network (Nakagiri teaches in col. 5, lines 1-5 that a plurality of units may be used and therefore the location information of various printing control apparatuses would be inherently known on a LAN, WAN or other network.).

Regarding claim 7, Nakagiri et al disclose an image processing apparatus of claim 4, wherein the acquisition component can be connected to a server in which the screen information is stored, and acquires the screen information from the server (Nakagiri teaches in col. 5, lines 1-5 that a plurality of units may be used on a LAN, WAN and that edit files and other files can be stored on an external memory, which reads on a server.).

Claim 8, a method claim, is rejected for the same reason as claim 1.

Claim 9, a method claim, is rejected for the same reason as claim 2.

Conclusion

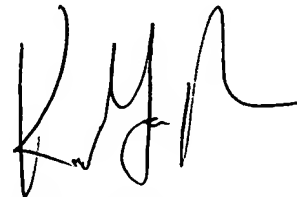
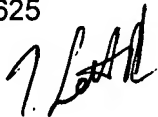
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thomas J. Lett whose telephone number is (571) 272-7464. The examiner can normally be reached on 8-4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David K. Moore can be reached on (571) 272-7437. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Thomas Lett
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KING Y. POON
PRIMARY EXAMINER